



US007814598B2

(12) **United States Patent**  
**Dua et al.**

(10) **Patent No.:** **US 7,814,598 B2**  
(45) **Date of Patent:** **Oct. 19, 2010**

(54) **ARTICLE OF FOOTWEAR HAVING A TEXTILE UPPER**

(75) Inventors: **Bhupesh Dua**, Portland, OR (US);  
**Edward Nathaniel Thomas**, Portland, OR (US)

(73) Assignee: **NIKE, Inc.**, Beaverton, OR (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 70 days.

(21) Appl. No.: **12/032,995**

(22) Filed: **Feb. 18, 2008**

(65) **Prior Publication Data**

US 2008/0196181 A1 Aug. 21, 2008

**Related U.S. Application Data**

(62) Division of application No. 10/791,289, filed on Mar. 3, 2004, now Pat. No. 7,347,011.

(51) **Int. Cl.**  
**A43D 8/00** (2006.01)

(52) **U.S. Cl.** ..... **12/146 C; 36/45**

(58) **Field of Classification Search** ..... **12/146 C, 12/142 G; 36/45, 10, 55, 3 A**  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,597,934 A	8/1926	Stimpson	
1,888,172 A *	11/1932	Joha	66/177
1,902,780 A *	3/1933	Holden et al.	66/170
1,910,251 A *	5/1933	Joha	66/177
2,001,293 A *	5/1935	Wilson	66/171
2,047,724 A *	7/1936	Zuckerman	66/177
2,147,197 A *	2/1939	Glidden	36/9 R
2,314,098 A *	3/1943	McDonald	12/142 G
2,330,199 A	9/1943	Basch	

2,400,692 A *	5/1946	Herbert	36/10
2,538,673 A *	1/1951	Donahue	36/9 R
2,586,045 A *	2/1952	Hoza	36/9 R
2,641,004 A *	6/1953	Whiting et al.	12/142 G
2,675,631 A *	4/1954	Doughty	36/9 R

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 1067566 1/1993

(Continued)

**OTHER PUBLICATIONS**

Santoni S.p.A. publication: Knitting Wear, SM8 Top 1 (2 pages).

(Continued)

*Primary Examiner*—Marie Patterson

(74) *Attorney, Agent, or Firm*—Banner & Witcoff, Ltd.

(57) **ABSTRACT**

An article of footwear and a method of manufacturing the article of footwear are disclosed. The footwear may include an upper and a sole structure. The upper incorporates a textile element with edges that are joined together to define at least a portion of a void for receiving a foot. The textile element may also have a first area and a second area with a unitary construction. The first area is formed of a first stitch configuration, and the second area is formed of a second stitch configuration that is different from the first stitch configuration to impart varying textures to a surface of the textile element. Various warp knitting or weft knitting processes may be utilized to form the textile element.

**14 Claims, 12 Drawing Sheets**

